(51) International Patent Classification 7 :		(11) International Publication Number:	**WO 00/43490**
C12N	**A2**	(43) International Publication Date:	27 July 2000 (27.07.00)

(21) International Application Number: PCT/IL00/00038

(22) International Filing Date: 20 January 2000 (20.01.00)

(30) Priority Data:
128193   22 January 1999 (22.01.99)   IL

(71) Applicants *(for all designated States except US)*: YEDA RE-SEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL). STATE OF ISRAEL – MINISTRY OF AGRICULTURE [IL/IL]; The Volcani Center, P.O. Box 6, 50200 Bet Dagan (IL).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: GRESSEL, Jonathan [IL/IL]; Hayarden Street 15, 76604 Rehovot (IL). EYAL, Yoram [IL/IL]; Habrigada Street 21, 76228 Rehovot (IL). FLUHR, Robert [US/IL]; Ben–Yehuda Street 19/3, 76301 Rehovot (IL).

(74) Agent: FRIEDMAN, Mark, M.; Beit Samueloff, Haomanim Street 7, 67897 Tel Aviv (IL).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: RHAMNOSYL–TRANSFERASE GENE AND USES THEREOF

(57) Abstract

    An isolated polynucleotide comprising a nucleotide sequence encoding a polypeptide having a flavanone– 7–O–glucoside–2''–O–rhamnosyl– transferase catalytic activity and its uses.